

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Hee-Cheol Choi

Filing Date: Herewith

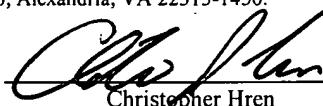
Title: APPARATUS AND METHOD FOR AMPLIFYING ANALOG
SIGNAL AND ANALOG PREPROCESSING CIRCUITS AND
IMAGE PICK-UP CIRCUITS

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.10

"Express Mail" Mailing Label Number EV322657534US I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated below and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

4-14-04

Date



Christopher Hren

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- under 37 C.F.R. 1.129(a), or
(First/Second submission after Final Rejection)
- under 37 C.F.R. 1.97(b), or
(Within three months of filing national application other than a CPA under §1.53(d); or within three months of date of entry of the national stage in international application; or before mailing date of first Office Action on the merits; or before mailing date of first Office Action after filing RCE under §1.114, whichever occurs last)
- under 37 C.F.R. 1.97(c) together with either:
 - a Statement under 37 C.F.R. 1.97(e), as checked below, or
 - the \$180.00 fee under 37 C.F.R. 1.17(p), or
(After the 37 C.F.R. 1.97(b) time period, but before final action or notice of allowance, or other action which closes prosecution, whichever occurs first)
- under 37 C.F.R. 1.97(d) together with:
 - a Statement under 37 C.F.R. 1.97(e), as checked below, and
 - the \$180.00 petition fee set forth in 37 C.F.R. 1.17(p).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Applicant(s): Hee-Cheol Choi

Statement Under 37 C.F.R. 1.97(e)

[] Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office In a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

[] No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign application or, to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 C.F.R. 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Enclosed herewith is form PTO-1449:

[X] Copies of cited references are enclosed.

[] Copies of cited references are enclosed except those entered in prior application, U.S. Serial No. _____, and references that are not required to be submitted under 37 C.F.R. 1.98.

[] The listed references were cited in a counterpart foreign application.

Concise Explanation Requirement (non-English references):

[] The "concise explanation" requirement under 36 C.F.R. 1.98(a)(3)(i) for reference _____ is satisfied by:

[] the explanation provided on the attached sheet.

[] the explanation provided in the Specification.

[] abstract.

It is requested the information disclosed herein be made of record in this application.

Applicant(s): Hee-Cheol Choi

Method of payment:

Enclosed is a check in the amount of _____.

Please charge Deposit Account of 50-1798 in the amount of _____.

Two duplicate copies of this Statement are enclosed.

Please charge any deficiency in fees and credit any overpayment to Deposit Account No. 50-1798.

Respectfully submitted,

Date: April 14, 2004
Mills & Onello, LLP
Eleven Beacon Street, Suite 605
Boston, Massachusetts 02108
Telephone: (617) 994-4900
Facsimile: (617) 742-7774
J:\SAM\0522\IDSform.wpd


Steven M. Mills
Registration Number 36,610
Attorney for Applicants

Subst. Form PTO-1449		Docket Number (Optional) SAM-0522	Application Number
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		Applicant Hee-Cheol Choi	
(Use several sheets if necessary)		Filing Date Herewith	Group Art Unit

U. S. Patent Documents

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	2002/0033891	03/21/02	Ying, et al.	348	241	11/27/01
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	AL							
	A							
	AN							
	AO							
	AP							
	AQ							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	
AS	
AT	

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy with next communication to applicant.